Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1.   (Original) A system for scheduling the generation of energy in an energy distribution network having a plurality of energy users receiving energy from at least one of a plurality of energy sources, the system comprising:

> memory in communication with the input, the memory configured to store at least one schedule for each energy user, each schedule setting forth the predicted energy usage over a predetermined period of time; and

> a processor in communication with the memory, the processor configured to sum the schedules of a predetermined set of energy users thereby creating a net schedule.

2-42.   (Canceled)

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